

FIG. 2

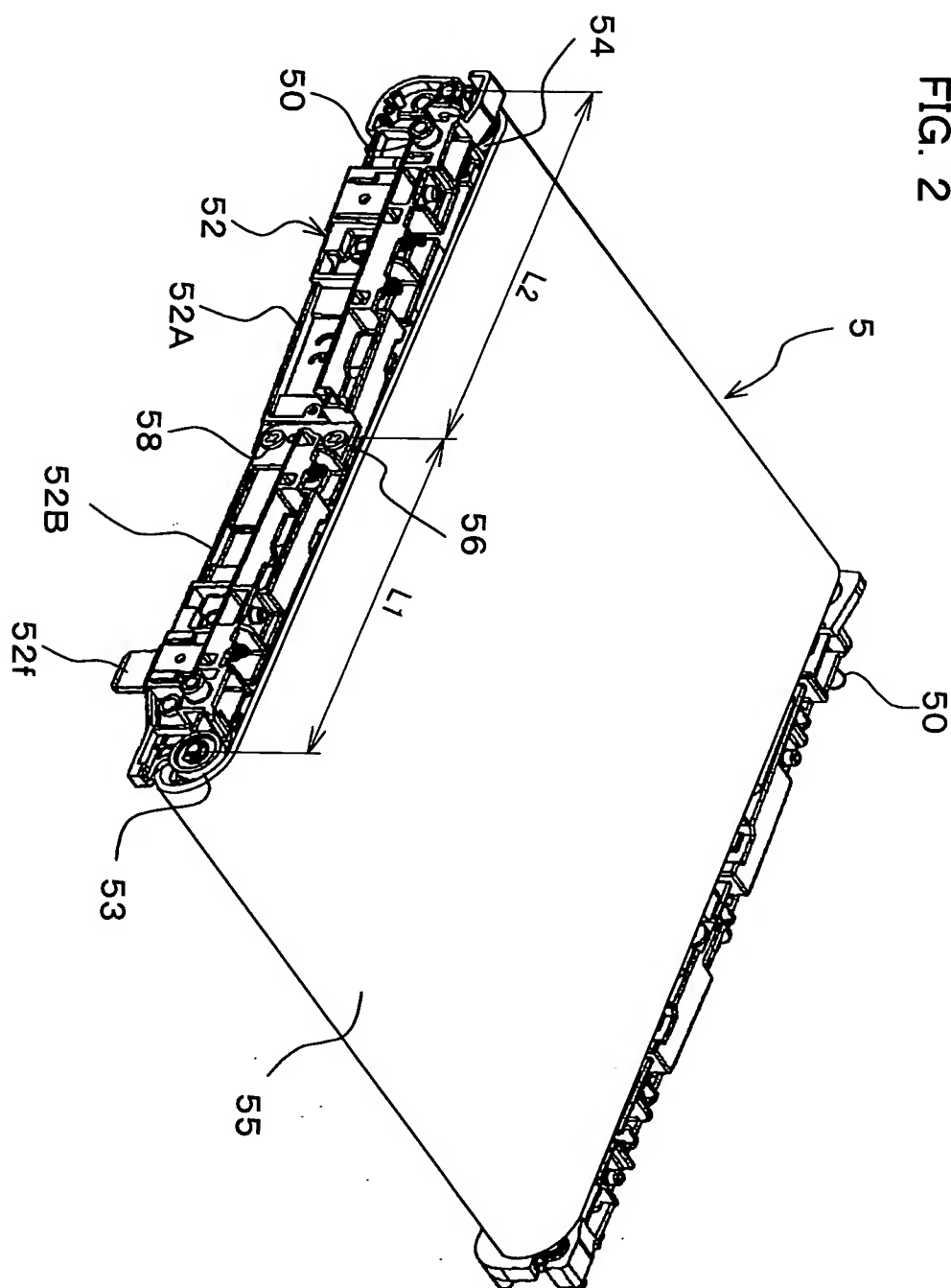


FIG. 3

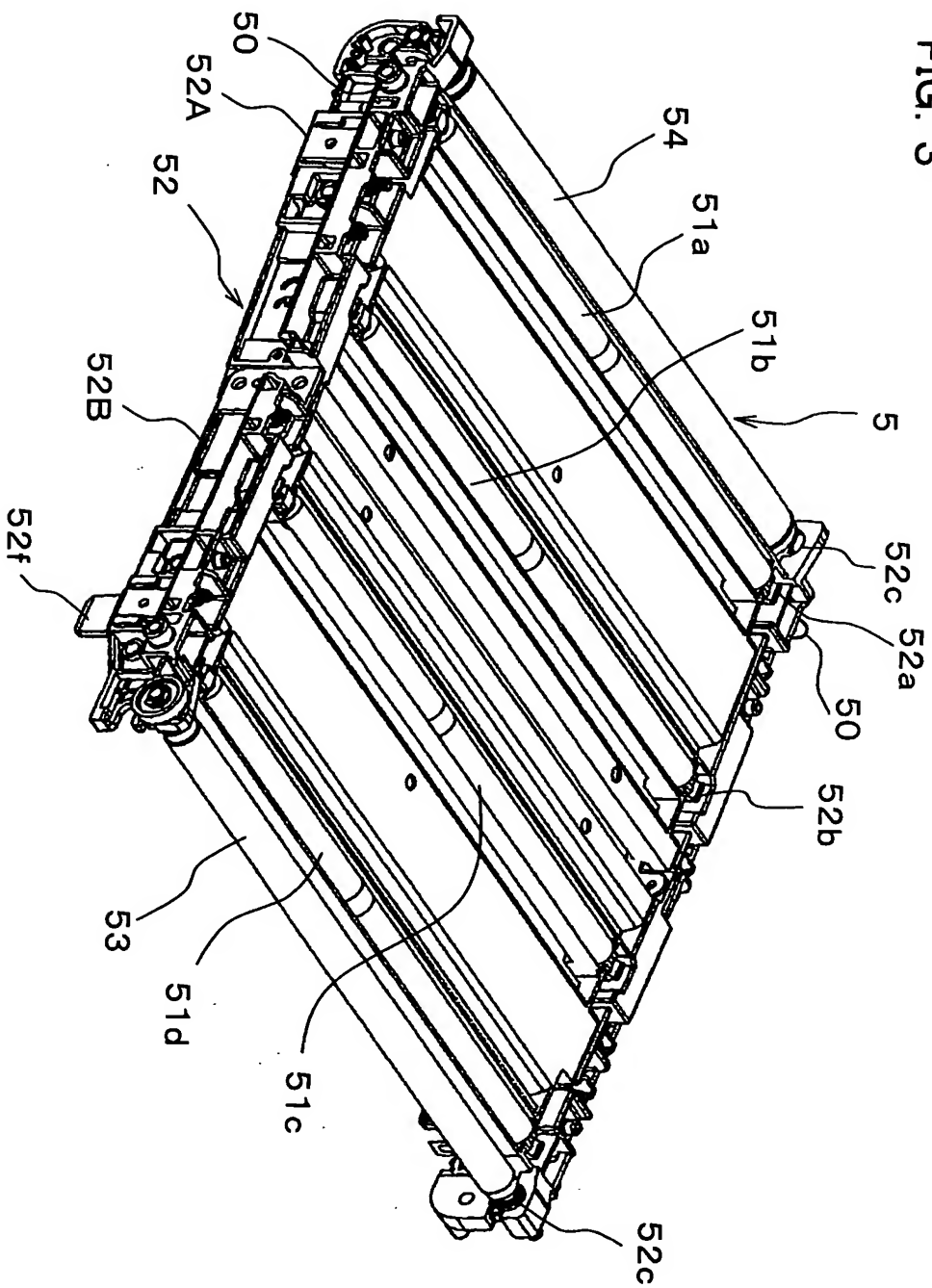
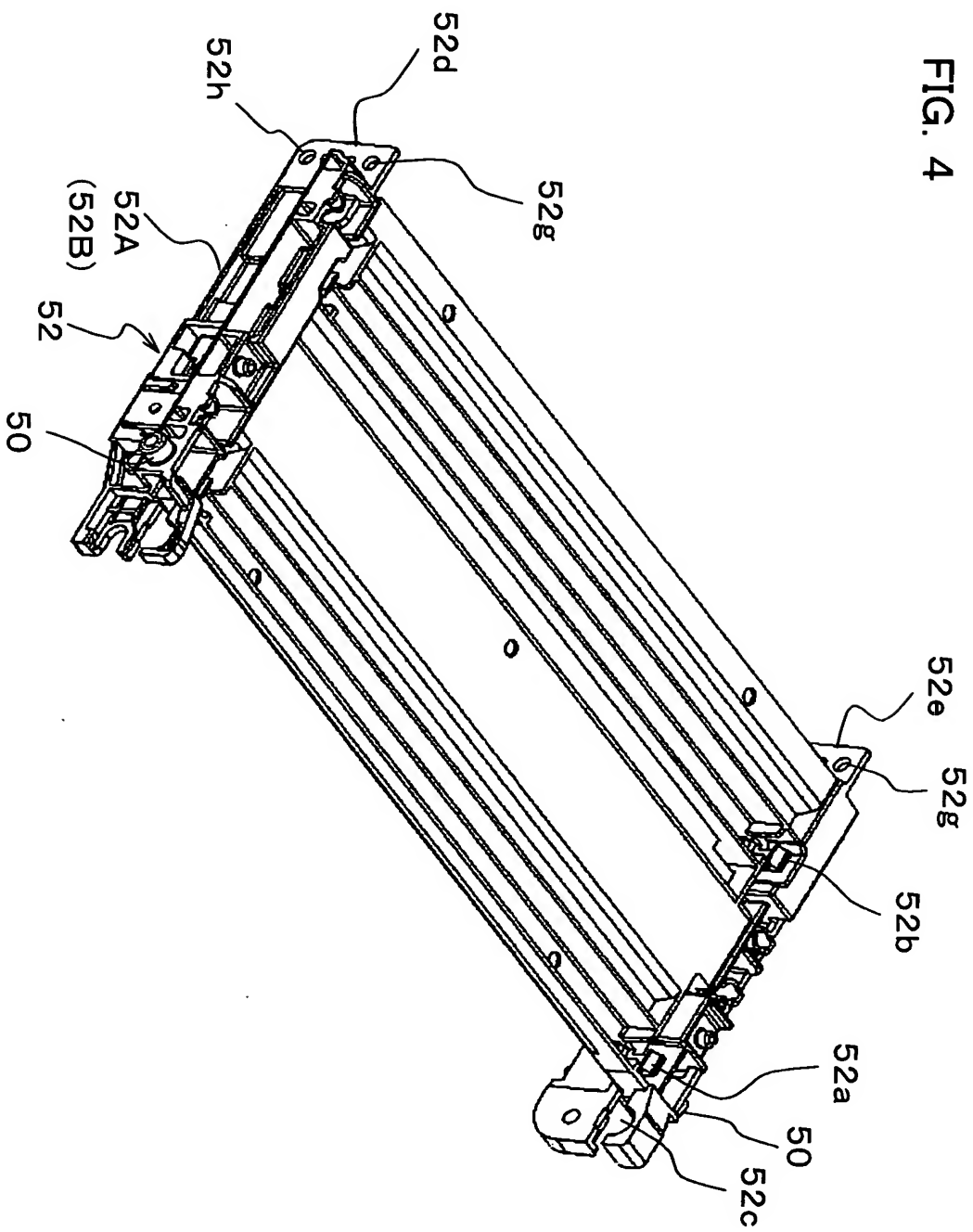


FIG. 4



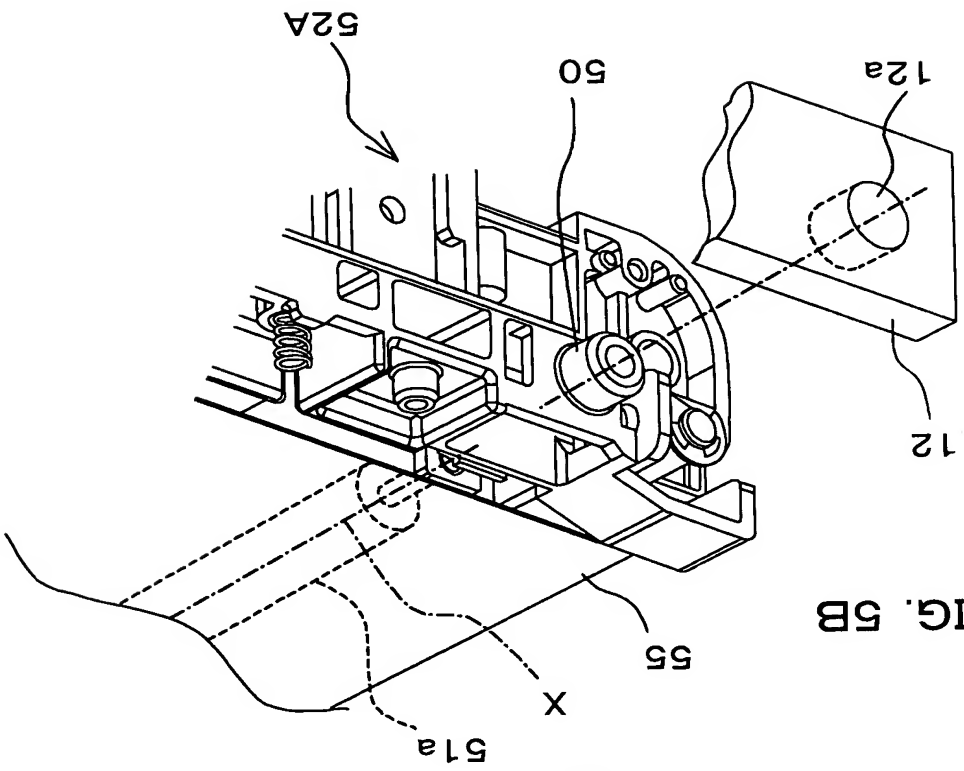


FIG. 5B

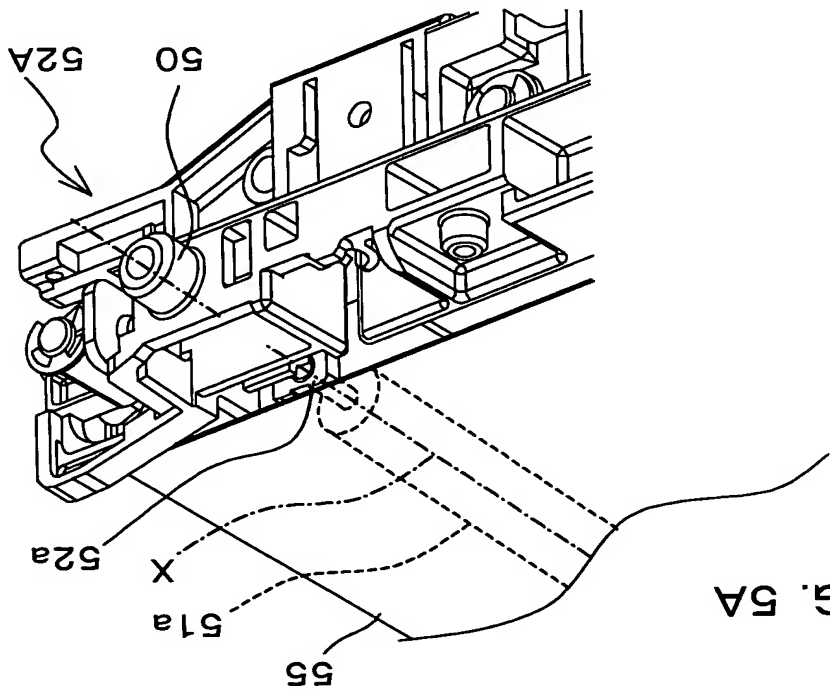


FIG. 5A

FIG. 6

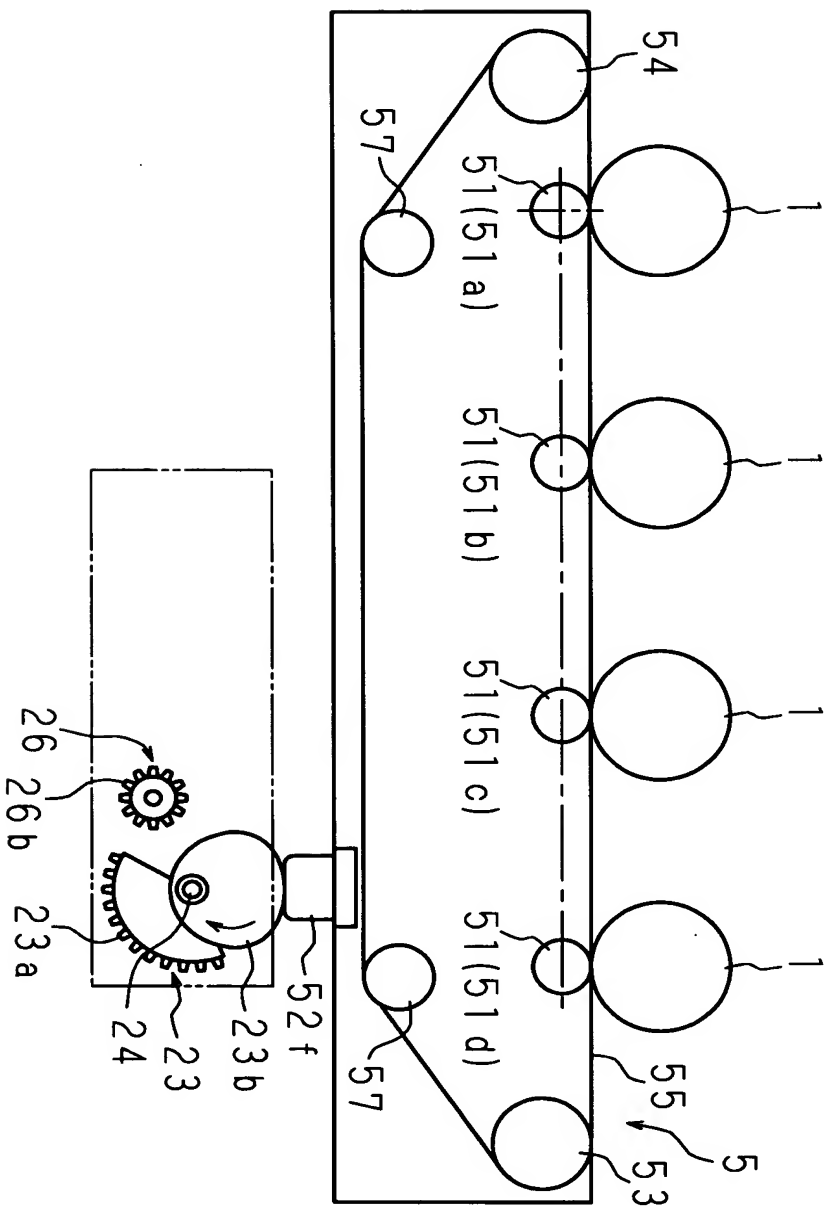
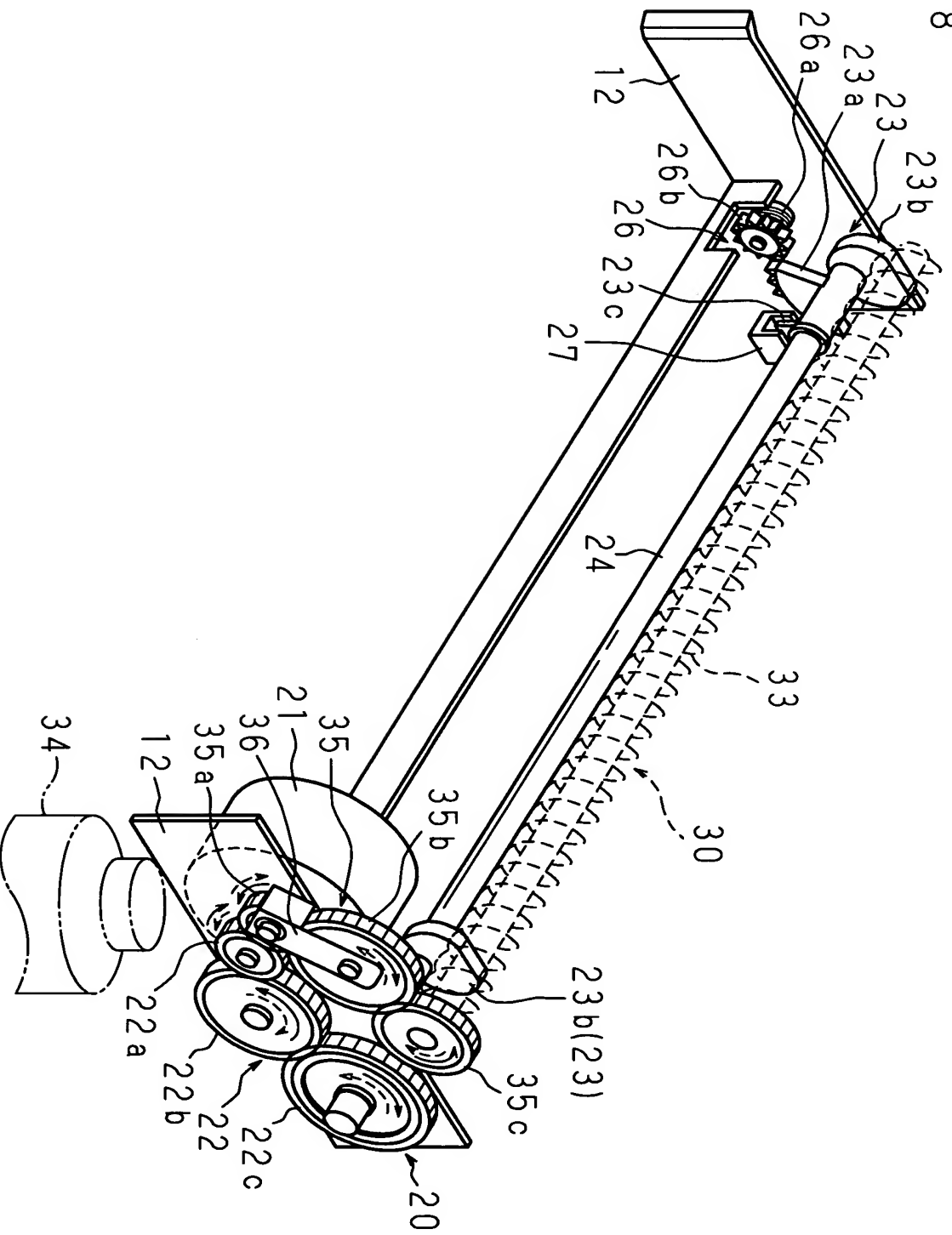




FIG. 8





This schematic diagram illustrates a belt conveyor system. A horizontal belt is supported by a series of rollers. On the left, a drive mechanism is shown, consisting of a motor (54) connected to a drive roller (53) via a belt (55). The drive roller (53) is connected to a series of rollers (51) that support the belt. The rollers are labeled 51(51 a), 51(51 b), 51(51 c), and 51(51 d). The belt is labeled 57. The rollers are connected to a common shaft (55) via a series of gears (35, 35 b, 35 c). The rollers are also connected to a common shaft (55) via a series of gears (35, 35 b, 35 c). The rollers are also connected to a common shaft (55) via a series of gears (35, 35 b, 35 c).

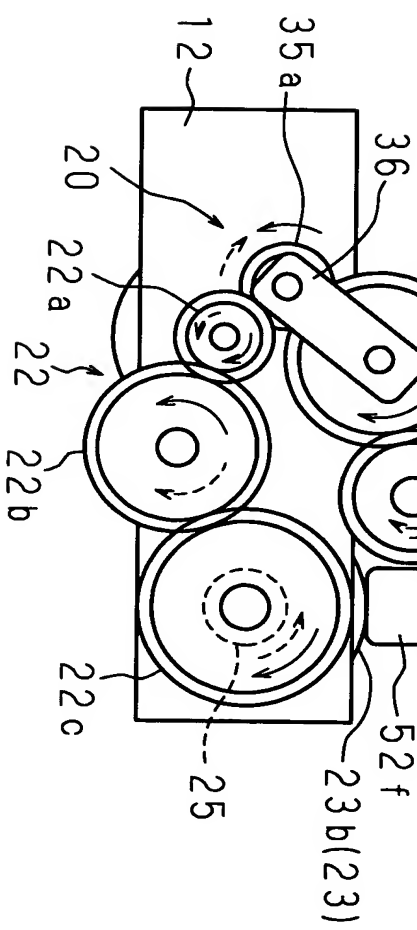


FIG. 10

